

0400

#2

OIEP

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/768,826

DATE: 02/05/2001
 TIME: 13:48:19

Input Set : A:\es.txt
 Output Set: N:\CRF3\02052001\I768826.raw

ENTERED
 See p.5

2 <110> APPLICANT: Shi et al.
 4 <120> TITLE OF INVENTION: 18 human secreted proteins
 6 <130> FILE REFERENCE: PF512P1
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/768,826
 9 <141> CURRENT FILING DATE: 2001-01-25
 11 <150> PRIOR APPLICATION NUMBER: PCT/US00/22350
 12 <151> PRIOR FILING DATE: 2000-08-15
 14 <150> PRIOR APPLICATION NUMBER: 60/148,759
 15 <151> PRIOR FILING DATE: 1999-08-16
 17 <160> NUMBER OF SEQ ID NOS: 61
 19 <170> SOFTWARE: PatentIn Ver. 2.0
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 23 <211> LENGTH: 733
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
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 30 tctcccgagc tcttgaggtc acatgcgtgg tggtagcgtt aagccacgaa gacctgagg 180
 31 tcaaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
 32 aggagcagta caacagcagc tacctgtgtg tcagcgtctt caccgtcttg caccaggact 300
 33 ggctgaatgg caaggagtac aagtgcaggg tctccaacaa agccctccca acccccatcg 360
 34 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
 35 catcccgagg tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480
 36 atccaagcga catgcctgtg gagtgggaga gcaatgggca gccggagaac aactacaaga 540
 37 ccaagcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600
 38 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggtctgac 660
 39 acaaccacta cagcagagaag agcctctccc tgtctccggg taaatgagtg cagcggccgc 720
 40 gactctagag gat 733
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 45 <212> TYPE: PRT
 46 <213> ORGANISM: Homo sapiens
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 49 <221> NAME/KEY: Site
 50 <222> LOCATION: (3)
 51 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
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 55 1 5
 57 <210> SEQ ID NO: 3
 58 <211> LENGTH: 86
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Artificial Sequence
 W--> 61 <220> FEATURE:
 62 <221> NAME/KEY: Primer_Bind
 63 <223> OTHER INFORMATION: Synthetic sequence with 4 tandem copies of the GAS binding site found in

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64      the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)), 18 nucleotides
65      complementary to the SV40 early promoter, and a Xho I restriction site.
67 <400> SEQUENCE: 3
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69 cccgaaatat ctgccatctc aattag                                     86
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73 <211> LENGTH: 27
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75 <213> ORGANISM: Artificial Sequence
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77 <221> NAME/KEY: Primer_Bind
78 <223> OTHER INFORMATION: Synthetic sequence complementary to the SV40 promoter; includes a Hind III
79      restriction site.
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86 <211> LENGTH: 271
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
W--> 89 <220> FEATURE:
90 <221> NAME/KEY: Protein_Bind
91 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes GAS binding
92      sites found in the IRF1 promoter (Rothman et al., Immunity 1:457-468 (1994)).
94 <400> SEQUENCE: 5
95 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg      60
96 aaatctctgc catctcaatt agtcagcaac catagtcccg cccctaactc cgcctatccc      120
97 gccctaaact ccgcccagtt ccgcccattc tccgcccatt ggctgactaa ttttttttat      180
98 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggcct      240
99 ttttgagggc ctaggctttt gcaaaaagct t.                               271
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106 <221> NAME/KEY: Primer_Bind
107 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter sequence
108      (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a Xho I restriction site.
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114 <210> SEQ ID NO: 7
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119 <221> NAME/KEY: Primer_Bind
120 <223> OTHER INFORMATION: Synthetic primer complementary to human genomic EGR-1 promoter sequence
121      (Sakamoto et al., Oncogene 6:867-871 (1991)); includes a Hind III restriction
122      site.
124 <400> SEQUENCE: 7

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140 <213> ORGANISM: Artificial Sequence
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142 <221> NAME/KEY: Primer_Bind
143 <223> OTHER INFORMATION: Synthetic primer with 4 tandem copies of the NF-KB binding site
144 (GGGGACTTTCCC), 18 nucleotides complementary to the 5' end of the SV40 early
145 promoter sequence, and a XhoI restriction site.
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148 ggcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg
149 ccattctcaat tag
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155 <213> ORGANISM: Artificial Sequence
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157 <221> NAME/KEY: Protein_Bind
158 <223> OTHER INFORMATION: Synthetic promoter for use in biological assays; includes NF-KB binding
159 sites.
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163 caattagtca gcaaccatag tcccgccctt aactccgccc atcccgcccc taactccgcc
164 cagttccgcc cattctccgc cccatggctg actaattttt ttattttatg cagaggccga
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172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 11
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176 gctgtgcggg cygccaggga gagggcagac acagcaggag gaagaggaag aggacgagga
177 ccacgggcca gatgactacg acgagggaaga tgaggatgag gtggaagagg aggagaccaa
178 caggtccctt ggtggcagga gcagagtgtc gctgcggtgc tacacctgca agtccctgcc
179 cagggacgag cgtgcaacc tgacgcagaa ctgtcacat ggccagacct gcacaacctt
180 cattgcccac gggaaacacc agtcaggcct cctgaccacc cactccacgt ggtgcacaga
181 cagctgccag cccatcacca agacggtgga ggggaccag gtgaccatga cctgctgcca
182 gtccagcctg tgcaattgtc caccctggca aagctcccga gtccaggacc caacaggcaa
183 gggggcaggc ggcgcccggg gcagctccga aactgtgggc gcagccctcc tgcctaacct
184 ccttgccggc cttggagcaa tgggggccag gagaccctga cccacggccc ctccccaccc
185 ccaccggct caccgccggc cctgccagca ctctgtctgy taccttcccc tcttgcctt

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186 gcaccagctt tggagaatgg atttggagtg tcttgggcga tccagccagc gcaggccccc 720
187 ggcgggttg cttctcagtg tcccggctgt gtccttggtg tcccttctcc accacctgtg 780
188 agcagcaaga ctgcccgcag tgggcgctgg gtccagacct cggctgccac gtcccaggac 840
189 ctgcaqccct caccggggct gggggtcccc atcagcacag ccaggcagag atgataccca 900
190 ccacacacct gggggccccc acaccagtc ctacccctta acttctgcca tgggaatttc 960
191 tccatctgca gcagtcacac gggccacccc tgccttccc caggctggcc tctccgctgt 1020
192 ctgaggggaa ggggatttgg agggaggctg tcgtcgcccc caggaaagac gggcctgggg 1080
193 gaggggggac agtgggagag gcgcgctgag gatgagagg cagagggagg tgggttgggg 1140
194 tgaggccaca tgcggagggg cggggcgggg cggggctggg gggacaggca ccaagtatga 1200
195 agaggatggg gccagcgggg cctgtctggc tgtggcgtga gcaccgctat gggagaccct 1260
196 ggccttggaaa gtgaacttgc agccttggat ggggaagggc cagatgctgg gttgggtgct 1320
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223 cctgaacgltc agcctgcgag atggtgaccgc ccgctatggc gcagcccccg ccgcccccg 180
224 ctgcaagcgc ctggacggag atgctgtggt gctcctgcgc gcccgcgacc tcttcaacct 240
225 ctggcgcccc ctggccccgc cgggtgggac cagcctcttt ctgcagaccg ccttgcgcyg 300
226 ctgggcggtg cagctgctgg acttgacctt cggcgcgcg cggcagcccc cgctggccac 360
227 ggcacacgag cgttggaagg ctgagcgcca gggacycgt cggcgggcgg cgtgctccg 420
228 cgcgctgggc atccgcctag tyagctggga aggcgggcgg ctggagtggg tgggctgcaa 480
229 caaggagacc acgcgctgct tcggaacctg ggtgggcgac acgccccgct acctctacga 540
230 gtagcgtggt acgccccct gctgctgctg cgcgctgcgc gagaccgccc gctatgtggt 600
231 gggcgtgctg gaggtgcgg gctgctgcta ctggctcgag ggcggctcac tgtgggggc 660
232 gccccgccac ggggacatca tcccatggga ctacyacgtg gacctgggca tctacttggg 720
233 ggacgtgggc aactgcgagc agctgcgggg ggcagaggcc ggtcgggtgg tggatgagcg 780
234 cggcttctga tgggagaagg cgttcgaggg cgaatttttc cgcgtgcagt acagcgaag 840
235 caaccacttg cagctggacc tgtggccctt ctacccccgc aatggcgta tgaccaagg 900
236 cagctggctg gaccacggc aggatgtgga gtttcccag cacttctgc agccgctggt 960
237 gccctgccc tttgcccgtc tcgtggcgca ggcgcctaac aactaccgcc gcttctgga 1020

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238	gctcaagttc	gggcccggg	tcctcgagaa	ccccagtac	ccccaccgg	cactgctgag	1080
239	tctgacggga	agcggctgaa	gccctgataa	cctcgccctt	gtttttcggg	ggtctgtctg	1140
240	gatgtggaga	agctctgtgt	gagcggtagg	gggtggaggg	atgtcgcgga	gaggggaagg	1200
241	gggaaactga	ccaagaaaqa	aattctaaag	agagcatgag	agaaggctgg	cattggcagg	1260
242	aggagagcac	caggacgagg	atgggaagcg	acctccagat	ttatcaaatg	gtcatgccca	1320
243	ctgggagccg	tggatatgcy	tggggacatc	ctgggtcctc	tcagtcatgg	agggagacgg	1380
244	ggatgtcacg	cgttcctcgca	gggcccagca	cagccccaga	cccgaaaaaa	gtgttctgcc	1440
245	caagattccg	agagccctgc	gctctagggc	aggggcagag	ttttggaaac	agtgcaggct	1500
246	ctggagccag	actggcgaga	ttcaaatcct	ggctctatcg	cttcggagcc	aggtgggcct	1560
247	gggggggctg	cgcagctctc	ctgtgcctca	gttgcttcca	ggatgcggga	cccttggtcg	1620
248	cagggggttg	ttccgccact	agaggcgcg	ccggtcccg	tcctgggtgg	ccactgtggc	1680
249	tgcccgccga	cagtacgccc	agggcctgtg	ttccatagcc	atctactctc	ttgagccttt	1740
250	ggacttctct	ccaagccctc	gtgggagggc	gacagcagtg	accacctccc	cttcttttgg	1800
251	actgcgacct	ccttcctctc	tgggagagcc	ctgtgacctg	catgctactc	ttactgttgc	1860
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253	ggtgcggctg	tggtcgagaa	ccgggtgctg	ggccgggccc	gggggctcac	gcctgtaatc	1980
254	ccagcacttt	gggagggcga	ggtgggggga	tcgcttgagc	ccaggagtct	gagaccagcc	2040
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256	tcgcagctcc	actcatgact	aatacctcat	tatttcagct	gtctgcacct	aattccccac	2160
257	ttgcacggca	gtgtagacaa	taacatagc	tcacactcac	tgagcaccta	ctgggtacca	2220
258	ggcaccattc	tcagtgtttc	acctggatca	actaatgcgt	ccctcacctc	agccctctga	2280
259	agtgcagctc	gctattattt	tcattacaca	gatgaaaaag	ctgagggcag	aatcgtgaag	2340
260	tcacttgcct	aaggtcaggg	agcttaggaa	gggcagagtc	gggggcttga	accaggtggg	2400
261	tcaggtctct	gagcccacaa	ttgtcttacc	cactatgccc	ctctctagtc	atggtcccca	2460
262	agaggggctt	ggagaccacc	ttagcaggtg	aaagcaatgg	cagccttctc	tatttgatta	2520
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276	caagttaggt	gggctgctg	ctggcactgc	tgctgcccgt	ggtcggtgcc	tcacgcacg	180
277	gcaccgtggt	cgyactcaac	aaggcagcat	tgagctacgt	gtctgaaatt	gggaaagccc	240
278	ctctccagcg	ggccctgcag	gtcactgtcc	ctcatttctc	ggactggagt	ggagaggcgc	300
279	ttcagccca	caggatccgg	attctgaatg	tccatgtgcc	ccgctccac	ctgaaattca	360
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281	ccccagagcc	cctggagctg	acgctgcctg	tggaaactgt	ggctgacacc	cgcgtgaccc	480
282	agagctccat	caggaccctc	gtggtcagca	tctctgcctg	ctctttatct	tcgggccacg	540
283	ccaacgagtt	tgatggcagt	aacagcacct	cccacygcct	gctggctcct	gtgcagaagc	600
284	acattaaagc	tgtcttgagt	aacaagctgt	gcctgagcat	ctccaaacct	gtgcagggtg	660
285	tcaatgtcca	cctgggcacc	tttaattggc	tcaacccctg	gggtcctgag	tcacagatcc	720
286	gctattccat	ggtcagtgtg	cccactgtca	ccagtgaact	catttccctg	gaagtcaatg	780
287	ctgtttctct	cctgctgggc	aagcccatac	tcctgccacc	ggatgccacc	ccttttgtgt	840
288	tgccaaaggc	tgtgggtacc	gagggtcca	tggccaccgt	gggctctccc	cagcagctgt	900
289	ttgactctgc	gctcctgcty	ctgcagaag	ccggtgcctc	caacctggac	atcacagggc	960

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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L:8 M:270 C: Current Application Number differs, Replaced Current Application Number
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:61 M:283 W: Missing Blank Line separator, <220> field identifier
L:76 M:283 W: Missing Blank Line separator, <220> field identifier
L:89 M:283 W: Missing Blank Line separator, <220> field identifier
L:105 M:283 W: Missing Blank Line separator, <220> field identifier
L:118 M:283 W: Missing Blank Line separator, <220> field identifier
L:141 M:283 W: Missing Blank Line separator, <220> field identifier
L:156 M:283 W: Missing Blank Line separator, <220> field identifier
L:491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
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L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:2559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58